Using Redirection to Enhance Software Management

or...How I Learned to Stop Worrying and Love {Insert Favorite Package Manager Here}

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- **RPM Package Flox**
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- Repackage:
  - wrap install scripts
  - wrap executables
  - relocate libraries

- **RPM**
  - payload
  - package metadata

- **RPM DB**
  - RPM DB

- **Filesystem**
  - Wrapped Executables
  - Relocated Libraries
  - Config Files
  - Docs
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- Etrace wrapper
-操作系统
- Isolation Engine
- Manager
- Mapping Table
- System Call Interceptor
- Open `/usr/lib/libflox.so`
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Benefits

- Install and concurrently utilize multiple versions and suites of software on the same host with ease...
- Support multiple software environments for the same user...
- Learn about *dynamic* dependencies within and between your software packages...
- Never disturb your core distribution again...
- Become indebted to my genius!
Contact Info

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